

Ac-L-Ser-Gly-L-Val-Gly-L-Asp-Gly-L-Val-
1 2 3 4 5 6 7

L-Asp-L-Val-L-Val-L-Ser-L-Ala-L-Ile-L-Glu-
8 9 10 11 12 13 14

Gly-L-Ala-L-Ala-Gly-L-Pro-L-Ile-L-Ala-
15 16 17 18 19 20 21

L-Ala-L-Ile-Gly-Gly-L-Ala-L-Val-L-Leu-
22 23 24 25 26 27 28

L-Thr-L-Val-L-Met-L-Val-Gly-L-Ile-L-Lys-
29 30 31 32 33 34 35

L-Val-L-Tyr-L-Lys-L-Trp-L-Val-L-Arg-
36 37 38 39 40 41

L-Arg-L-Ala-L-Met-OH
42 43 44

Protein (bacteriophage ϕ X174 gene J small core)
[64763-86-6]

H-L-Ser-L-Lys-Gly-L-Lys-L-Lys-L-Arg-
1 2 3 4 5 6

L-Ser-Gly-L-Ala-L-Arg-L-Pro-Gly-L-Arg-
7 8 9 10 11 12 13

L-Pro-L-Glu(NH₂)-L-Pro-L-Leu-L-Arg-Gly-
14 15 16 17 18 19

L-Thr-L-Lys-Gly-L-Lys-L-Arg-L-Lys-Gly-
20 21 22 23 24 25 26

L-Ala-L-Arg-L-Leu-L-Trp-L-Tyr-L-Val-Gly-
27 28 29 30 31 32 33

Gly-L-Glu(NH₂)-L-Glu(NH₂)-L-Phe-OH
34 35 36 37

Protein (Escherichia coli bacteriophage λ receptor signal peptide) [73296-69-2]

HCO-L-Met-L-Met-L-Ile-L-Thr-L-Leu-L-Arg-
1 2 3 4 5 6

L-Lys-L-Leu-L-Pro-L-Leu-L-Ala-L-Val-L-Ala-
7 8 9 10 11 12 13

L-Val-L-Ala-L-Ala-Gly-L-Val-L-Met-L-Ser-
14 15 16 17 18 19 20

L-Ala-L-Glu(NH₂)-L-Ala-L-Met-L-Ala-OH
21 22 23 24 25

Protein (Nicotiana debneyi chloroplast gene psbA reduced)
See Protein Q_B (spinach chloroplast-encoded gene psbA reduced) [84616-68-2]

Protein (plasmid ColE2 gene celB)
See Protein (plasmid ColE3-CA38 gene hic) [93906-87-7]

Protein (spinach chloroplast gene tmpA reduced)
See Protein Q_B (spinach chloroplast-encoded gene psbA reduced) [84616-68-2]

Protein A
Valid heading during volumes 126-130 (1997-June 1999) only
See Proteins, specific or class, A

Protein adsorption
Valid heading during volumes 126-130 (1997-June 1999) only
See Adsorption, protein

Protein A24 lyase
See Lyase, chromatin protein A24 [78689-78-8]

Proteinase
For trivially-named proteinases, see E.C. 3.4.4
See also
Aminopeptidase [9031-94-1]
Carboxypeptidase [9031-98-5]
Dipeptidase [9031-99-6]
Peptidase [9031-96-3]

Bacillus amyloliquefaciens —
see Proteinase, Aspergillus alkaline [9074-07-1]

Clostridium histolyticum, A — see Collagenase [9001-12-1]

Aspergillus awamori acid —
see Proteinase, Aspergillus acid [9025-49-4]

Aspergillus saitoi acid —
see Proteinase, Aspergillus acid [9025-49-4]

Myxobacter AL-1, I —
see Peptidase, peptidoglycan endo- [37288-96-3]

Aspergillus flavus alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Aspergillus melleus alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Aspergillus oryzae alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Aspergillus parasiticus alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Aspergillus soya alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Aspergillus sulphureus alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Aspergillus sydowi alkaline —
see Proteinase, Aspergillus alkaline [9074-07-1]

Bacillus subtilis alkaline — see Subtilisin [9014-01-1]

Streptomyces alkaline — see also Trypsin [9002-07-7]

Clostridium histolyticum, B — see Clostripain [9028-00-6]

Agkistrodon rhodostoma venom — see also Thrombin [9002-04-4]

—, Acrocyllidricum
See Acrocyllidropesin [37288-84-9]

—, Agkistrodon contortrix contortrix venom metallo-
See Fibrolase [116036-70-5]

—, Bacillus thermoproteolyticus neutral
See Thermolysin [9073-78-3]

—, Bitis gabonica venom serine
See Venombin AB [104003-74-9]

—, calcium-activated neutral
See Calpain [78990-62-2]

—, Candida albicans aspartic
See Candidapepsin [69458-91-9]

—, Candida aspartic
See Candidapepsin [69458-91-9]

—, Candida olea aspartic
See Candidapepsin [69458-91-9]

—, Crotalus adamanteus serine
See Crotalase [56467-79-9]

—, Crotalus adamanteus venom, II
See Adamalysin [74812-51-4]

—, Dictyostelium discoideum aspartic
See Physaropepsin [94949-28-7]

—, Dictyostelium discoideum aspartic, E
See Physaropepsin [94949-28-7]

—, Drosera peltata aspartic
See Nepenthesin [9073-80-7]

—, Escherichia coli metallo-, Pi
See Pitriylisin [81611-78-1]

—, Escherichia coli serine, La
See Proteinase, La [79818-35-2]

—, Escherichia coli serine, So
See Proteinase, So [81611-83-8]

—, foot-and-mouth disease virus, 3C
See Picornain 3C [97162-88-4]

—, glycopeptide
See Peptidase, peptidoglycan endo- [37288-96-3]

—, helper component
See Proteinase, polyprotein-processing, HCPro [124566-20-7]

—, Irpex lacteus aspartic
See Polyporopepsin [61573-73-7]

—, kidney brush border neutral
See Neprilysin [82707-54-8]

—, Legionella pneumophila metallo-
See Proteinase, MSP [101920-86-9]

—, Lotus aspartic
See Nepenthesin [9073-80-7]

—, lymphocyte serine
See Granzyme [106178-18-1]

—, Malbranchea pulchella sulfurea extracellular
See Thermomycolin [52233-31-5]

—, mast cell serine, chymase
See Chymase [97501-92-3]

—, mast cell serine, I
See Chymase [97501-92-3]

—, mast cell serine, II
See Trypsin [97501-93-4]

—, metallo-, pump-1
See Matrilysin [141256-52-2]

—, Metridium, A
See Metridin [37288-75-8]

—, Mycobacterium sorangium β -lytic
See Proteinase, β -lytic metallo- [37288-92-9]

—, Mycobacterium sorganium α -lytic
See Proteinase, Myxobacter α -lytic [37288-76-9]

—, Mytilus acid
See Mytilidase [66402-86-6]

—, Nepenthes acid
See Nepenthesin [9073-80-7]

—, Oxyuranus scutellatus prothrombin-activating
See Scutellarin [93389-45-8]

—, pancreas E
See Proteinase, E [68073-27-8]

—, papaya, A
See Caricain [39307-22-7]

—, Penicillium aspartic
See Penicillopepsin [9074-08-2]

—, Penicillium caseicolum aspartic
See Penicillopepsin [9074-08-2]

—, Penicillium citrinum aspartic
See Penicillopepsin [9074-08-2]

—, Penicillium cyclopium acid
See Penicillopepsin [9074-08-2]

—, Penicillium duponti aspartic
See Penicillopepsin [9074-08-2]

—, Penicillium expansum aspartic
See Penicillopepsin [9074-08-2]

—, Penicillium janthinellum acid
See Penicillopepsin [9074-08-2]

—, Penicillium roqueforti aspartic
See Penicillopepsin [9074-08-2]

—, Physarum flavicomum aspartic
See Physaropepsin [94949-28-7]

—, Physarum polycephalum acid
See Physaropepsin [94949-28-7]

—, picornavirus, 3C
See Picornain 3C [97162-88-4]

—, poliovirus, 2A
See Picornain 2A [103406-62-8]

—, poliovirus, 3C
See Picornain 3C [97162-88-4]

—, prohormone-processing
See Kexin [99676-46-7]

—, proprohormone-processing
See Kexin, pro- [138881-85-3]

—, Pseudomonas aeruginosa serine (lysine-specific)
See Proteinase, lysine-specific [123175-82-6]

—, PUMP-1
See Matrilysin [141256-52-2]

—, Pycnoporus coccineus aspartic
See Pycnoporopepsin [77967-78-3]

—, rhinovirus, 3C
See Picornain 3C [97162-88-4]

—, Rhizopus acid
See Rhizopuspepsin [9074-09-3]

—, Rhodotorula glutinis aspartic
See Rhodotorulapepsin [37259-59-9]

—, Schistosoma japonicum acid
See Hemoglobinase [148125-59-1]

—, Schistosoma mansoni cysteine
See Hemoglobinase [148125-59-1]

—, Scytalidium lignicolum aspartic
See Scytalidopepsin A [42613-34-3]

—, Scytalidium lignicolum aspartic, A-2
See Scytalidopepsin A [42613-34-3]

—, Scytalidium lignicolum aspartic, A-I
See Scytalidopepsin A [42613-34-3]

—, Scytalidium lignicolum aspartic, C
See Scytalidopepsin A [42613-34-3]

—, Scytalidium lignicolum aspartic, B
See Scytalidopepsin B [104781-89-7]

—, Serratia marcescens metallo-
See Serralyisin [70851-98-8]

—, Sorghum aspartic
See Nepenthesin [9073-80-7]

—, staphylococcal serine
See Proteinase, glutamate-specific [137010-42-5]

—, streptococcal
See Streptopain [9025-51-8]

—, Thermoactinomyces vulgaris serine
See Thermitase [69772-87-8]

—, Trametes acid
See Pycnoporopepsin [77967-78-3]

—, Trypanosoma congolense cysteine
See Congopain [84399-99-5]

—, Trypanosoma cruzi cysteine
See Cruzain [90371-53-2]

—, trypanosoma cysteine
See Trypanopain [102227-51-0]

—, Vipera russelli
See Russellyisin [79393-92-3]

—, yeast, A
See Saccharopepsin [37228-80-1]

—, yeast, B
See Cerevisin [37288-81-6]

Proteinase inhibitor
See also Trypsin inhibitor [9035-81-8]

—, bdellin
See Trypsin inhibitor, bdellin [62494-89-7]

—, SKALP
See Proteinase inhibitor, elafin [133249-66-8]

—, TIMP (human protein moiety reduced)
See Hemopoietin (human erythroid burst-promoting protein moiety reduced) [97837-28-0]

Proteinase inhibitor (pineapple stem A-1 chain reduced) [56093-24-4]

H-L-Asp-L-Glu-L-Tyr-L-Lys-L-Cys-L-Tyr-
1 2 3 4 5 6

L-Cys-L-Ala-L-Asp-L-Thr-L-Tyr-L-Ser-
7 8 9 10 11 12

L-Asp-L-Cys-L-Pro-Gly-L-Phe-L-Cys-
13 14 15 16 17 18

L-Lys-L-Lys-L-Cys-L-Lys-L-Ala-L-Glu-
19 20 21 22 23 24

L-Phe-Gly-L-Lys-L-Tyr-L-Ile-L-Cys-
25 26 27 28 29 30

L-Leu-L-Asp-L-Leu-L-Ile-L-Ser-L-Pro-
31 32 33 34 35 36

L-Asp(NH₂)-L-Asp-L-Cys-L-Val-L-Lys-OH
37 38 39 40 41

Proteinase inhibitor (pineapple stem B-2 chain reduced) [56123-11-6]

H-L-Thr-L-Ala-L-Cys-L-Ser-L-Glu-L-Cys-
1 2 3 4 5 6

L-Val-L-Cys-L-Pro-L-Leu-L-Glu(NH₂)-OH
7 8 9 10 11

Proteinase inhibitor E 84
See Oxiranecarboxylic acid, 3-[[[(1S)-1-[[[4-[(aminoiminomethyl)-amino]butyl]amino]carbonyl]-3-methylbutyl]-amino]carbonyl]-, (2S,3S)- [66701-25-5]

Proteinase inhibitor S 346 (Streptomyces procidinanus)
See L-Alaninamide, N-(3-methyl-1-oxobutyl)-L-leucyl-L-leucyl-(3S,4S)-4-amino-3-hydroxy-6-methylheptanoyl-N-[(1S)-1-[(1S)-2-carboxy-1-hydroxyethyl]-3-methylbutyl]- [63550-86-7]

Protein body
Valid heading during volumes 126-130 (1997-June 1999) only
See Organelle, protein body

Protein-bound iodine
See Iodine, compounds, protein complexes

Protein CAP
Valid heading during volumes 126-130 (1997-June 1999) only
See Transcription factors, CAP (catabolite gene activator protein)

Protein C deficiency (coagulation factor XIV)
Valid heading during volumes 126-130 (1997-June 1999) only
See Blood-coagulation factor XIV [60202-16-6], deficiency

Protein conformation
See Conformation, protein

Protein conjugates
Valid heading during volumes 129-130 (July 1998-June 1999) only